

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: February YEAR: 2007
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
	DATE: March 8, 2007
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> X </div>	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.
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Precipitation was at or near normal for the Pocatello Hydrologic Service Area (HSA) in February. Even though amounts were in normal range, January's record low precipitation took a very large chunk out of the region's 2007 Water Year amounts, which will definitely be influencing summer water supply needs.

Other Hydrologic Interests

Precipitation

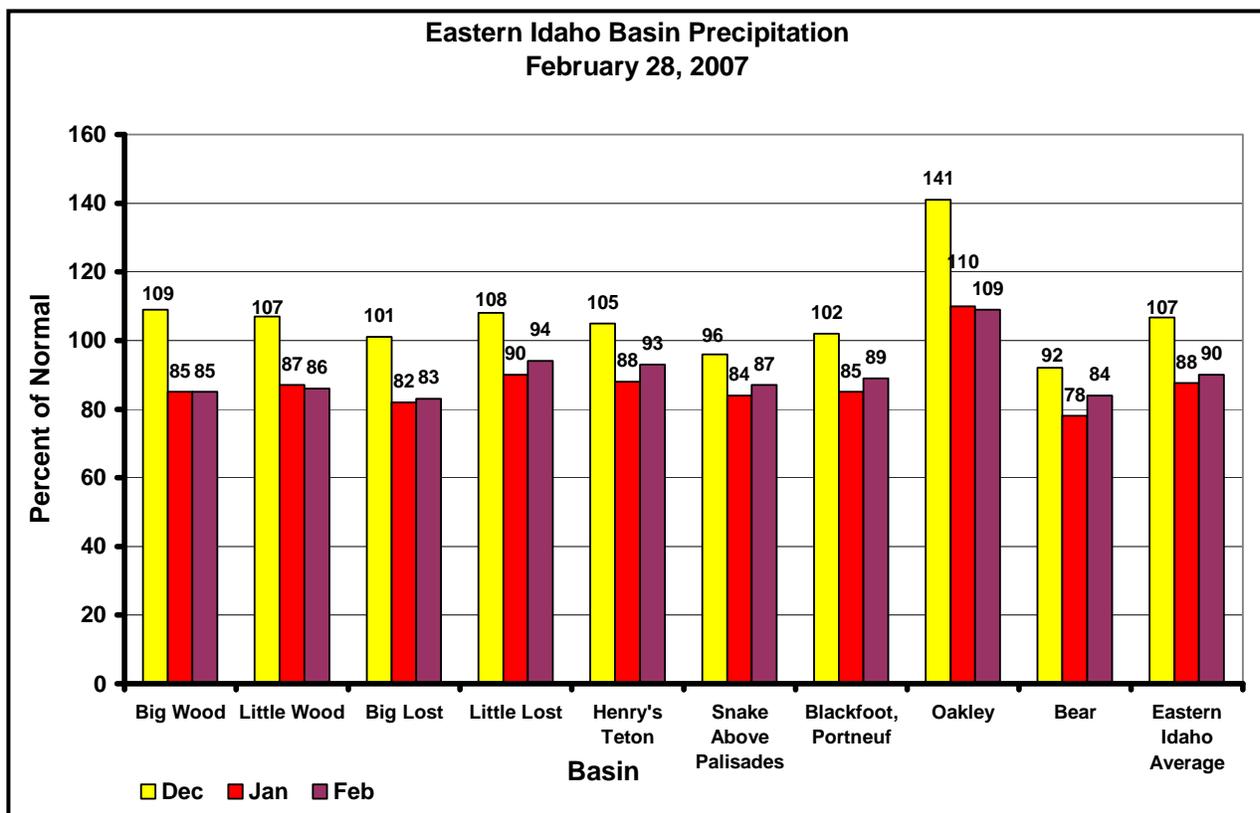
The entire HSA received an average of 109.98% of normal precipitation for 47 of 56 reporting stations with climate data, according to Western Region Climate Center data. Slightly more than half of the stations received above normal precipitation in February, with Preston topping the list at 194.1% and Shoshone and Logan, Utah followed with 186.4% and 180.5% of normal, respectively. Oakley, Howe, Idaho Falls (2 ESE), Arco and Idaho Falls Airport (ASOS) all received less than 50% of normal precipitation, with the Idaho Falls Airport recording the least at only 17.6% of normal.

River Levels

River levels across the Pocatello HSA were at or near normal for February; however, icing affected a number of gages during the first couple of weeks of the month.

Snowpack

Eastern Idaho's snowpack changed little between January and February. Eastern Idaho's February basin average increased slightly from January from 88% to 90%.



Reservoirs

The Upper Snake River reservoir system is at 79% of capacity¹, up 6% from February 12, 2007².

Reservoir	% Capacity January 31 ³	% Capacity February 28 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	72	85	13	111	108
Bear Lake	37	39	2	60	134
Blackfoot	48	50	2	77	184
Henry's Lake	92	91	-1	98	96
Island Park	84	87	3	110	122
Little Wood	82	92	10	156	307
Mackay	61	70	9	101	96
Magic	60	65	5	139	200
Oakley	53	57	4	137	126
Palisades	70	75	5	102	123
Ririe	51	55	4	116	103
Lake Walcott	40 ²	36 ¹	-4	n/a	n/a
Milner	90 ²	88 ¹	-2	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), Marcy 8, 2007; (2) BOR, February 28, 2007; (3) NRCS, January 31, 2007; (4) NRCS, February 28, 2007.

Drought

Reservoir levels and soil moisture helps to maintain Eastern Idaho in the “Abnormally Dry” ranking, D0, on the Drought Monitor, which has been unchanged since late August. If below-normal precipitation continues, it will not be surprising if such conditions reveal themselves in the coming weeks on the Drought Monitor.

February 2007 Hydrologic Product Summary

The following hydrologic products were issued in January.

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	0
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Warning	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	0
Hydrologic Statement	3
NOW or Special Weather Statement (with information related to flooding)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
Hydrometeorological Information Center
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Drought Monitor Mailing List
Pocatello WFO Forecasters and HMTs